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Form PTO-14	MATION DISCLOSUR	RE CITATION	Docket Number (Optional) 2920(203-3753))			719,30	Number 5
	IN AN APPLICATION		Applicant Robert H. Wham et al.			я	~	
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		U.S. PATEN	T DOCUMENTS					
Examiner Initial	Document Number	Date	Name	Cla	ss	Si	bdass	Filing Date if Appropriate
W	RE 33,420	Nov. 6, 1990	Marvin L. Sussman		ĺ	Г		
	RE 36,871	Sept. 12, 2000	Paul Epstein			Γ	\Box	
	2001/0031962 A1	Oct. 18, 2001	Jeffery L. Eggleston					
	1,787,709	Jan. 6, 1931	F.C. Wappler		T			
	1,813,902	Jul. 14, 1931	W.T. Bovie		T			
	1,841,968	Jan. 19, 1932	N.H. Lowry		1			_
	1,863,118		J.G.H. Liebel		1	Γ		
	1,945,867	Feb. 6, 1934	P.C. Rawls		T		11	
	2,827,056		J. Degelman		T			
	2,849,611	Aug. 26, 1958	R.P. Adams		T		\top	
	2,982,881	May 2, 1961	R.W. Reich		1		\top	
	3,058,470		E. Seeliger et al.	Ī				
	3,089,496	May. 14, 1963	J. Degelman		1	Г		
	3,163,165	Dec. 29, 1964	Humio Islikawa		7			
	3,252,052	May. 17,1966	F.M. Nash				一门	
	3,391,351	Jul. 2, 1968	D. W. Trent		T			
	3,402,326	Sept. 17, 1968	R.A. Guasco et al.		†			
	3,413,480		J.R. Biard et al.		Ť			
	3,436,563	Apr. 1, 1969	W.M. Regitz		T		-11	
	3,439,253	Apr. 15, 1969	M.J. Piteo	İ	T			
	3,439,680	Apr. 22, 1969	E.R. Thomas Jr.				-11	
	3,461,874	Aug. 19, 1969	M. Martinez			Т	\dashv	
	3,471,770	Oct. 7, 1969	K. E. Haire				\top	
	3,478,744	Nov. 18, 1969	H. Leiter	\Box			$\dashv \dashv$	·
	3,486,115	Dec. 23, 1969	D. J. Anderson	П			\neg	·
	3,495,584	Feb. 17, 1970	A. W. Schwalm	\sqcap			71	
	3,513,353		J. L. Lansch	П		_	T	··
	3,514,689	May 26, 1970	R. Giannamore	Π			T = T	
LVD	3,515,943	Jun. 2, 1970	Warrington	П		_	T	
IW	3,551,786	Dec. 29, 1970	J.L. Van Gulik	\prod			1	
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) U.S. PATENT DOCUMENTS Applicant Robert H. Wham et al. Group Art Number November 21, 2003	g Date
(Use several sheets if necessary) Filing Date November 21, 2003 U.S. PATENT DOCUMENTS	
November 21, 2003 U.S. PATENT DOCUMENTS	
Initial Number Date Name Class Subclass if App	Opilate
3,562,623 Feb. 9, 1971 Robert P. Farnsworth	
3,571,644 Mar. 23, 1971 Albert Jakoubovitch	
3,589,363 Jun. 29, 1971 Anton Banko	
3,595,221 Jul. 27, 1971 John Harold Blackett	
3,601,126 Aug. 24, 1971 Jerry R. Estes	
3,611,053 Oct. 5, 1971 William G. Rowell	
3,641,422 Feb. 18, 1972 Farnsworth et al.	
3,662,151 May. 9, 1972 Paul C. Haffey	
3,675,655 Jul. 11, 1972 Weldon Rex Sittner	
3,683,923 Aug. 15, 1972 Robert K. Anderson	
3,693,613 Sept. 26, 1972 Charles Kelman	
3,697,808 Oct. 10, 1972 Joo Chan Lee	
3,699,967 Oct. 24, 1972 Robert K. Anderson	
3,720,896 Mar. 13, 1973 Reiner Bierlein	
3,743,918 Jul. 3, 1973 Guy Maitre	
3,766,434 Oct. 16, 1973 Stanley A. Sherman	
3,768,482 Oct. 30, 1973 Robert F. Shaw	
3,783,340 Jan. 1, 1974 Richard S. Becker	
3,784,842 Jan. 8, 1974 Frederic B. Kremer	
3,801,766 Apr. 2, 1974 Charles F. Morrison, Jr.	_
3,801,800 Apr. 2, 1974 David W. Newton	
3,812,858 May. 28, 1974 Maurice Jules Oringer	
3,815,015 Jun. 4, 1974 Swin et at.	
3,826,263 Jul. 30, 1974 John M. Cage et al.	
3,828,768 Aug. 13, 1974 David W. Douglas	
3,848,600 Nov. 19, 1974 C. T. Patrick, Jr., et al.	
3,870,047 Mar. 11, 1975 Donald I. Gonser	
3,875,945 Apr. 8, 1975 Joshua Friedman	
3,885,569 May. 27, 1975 Donald W. Judson	
8,897,787 Aug. 5, 1975 Yuji Ikuno et al.	
Examiner Date Considered Date Considered	2
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itation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

without references Form PTO-1449 Docket Number (Optional) Application Number 2920(203-3753) 10/719,305 **INFORMATION DISCLOSURE CITATION** IN AN APPLICATION Applicant Robert H. Wham et al. (Use several sheets if necessary) Filing Date **Group Art Number** November 21, 2003 **U.S. PATENT DOCUMENTS** Examiner Document Filing Date Initial Number Date Subbass Name Class if Appropriate 3,897,788 David W. Newton Aug. 5, 1975 3,901,216 Aug. 26, 1975 Milton R. Felger 3,905,373 Sept. 16, 1975 Donald I. Gonser 3,913,583 Oct. 21, 1975 William T. Bross 3,923,063 Dec. 2, 1975 Stephen Andrews et al. 3,933,157 Jan. 20, 1976 Per Henrik Bjurwill et al. 3,946,738 Mar. 30, 1976 David W. Newton et al. 3,963,030 Jun. 15, 1976 David W. Newton 3,964,487 Jun. 22, 1976 Donald W. Judson 3,971,365 Jul. 27, 1976 Leland B. Smith 3,980,085 Sept. 14, 1976 Yuji Ikuno 4,005,714 Feb. 1, 1977 Siegfried Hilebrandt 4,024,467 May 17, 1977 Andrews et al. 4,041,952 Aug. 16, 1977 C. Morrison, Jr. et al. 4,051,855 Oct. 4, 1977 Max Schneiderman 4,063,557 Dec. 20, 1977 David G. Wuchinich et al. 4,074,719 Feb. 21, 1978 Kurt Semm 4,092,986 Jun. 6, 1978 Max Schneiderman 4,094,320 Jun. 13, 1978 David W. Newton et al. Yuzi Ikuno et al. 4,102,341 Jul. 25, 1978 4,114,623 Sept. 19, 1978 Hans Meinke et al. 4,121,590 Oct. 24, 1978 Donald I. Gonser 4,123,673 Oct. 31, 1978 Donald I. Gonser 4,126,137 Nov. 21, 1978 G. Kent Archibald 4,145,636 Mar. 20, 1979 S.Doi 4,188,927 Feb. 19, 1980 Frank W. Harris 4,191,188 Mar. 4, 1980 Kenneth W. Belt et al. 4,196,734 Apr. 8, 1980 Frank W. Harris 4,200,104 Apr. 29, 1980 Frank W. Harris 4,200,105 Apr. 29, 1980 Donald I. Gosner Examiner Date Considered Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

INFOR	MATION DISCLOSUR				Application Number 10/719,305			
	IN AN APPLICATION		Applicant Robert H. Wham et al.					
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		U.S. PATEN	T DOCUMENTS					
Examiner Initial	Document Number	Date	Name	Cla	SS	Sub	dass	Filing Date if Appropriate
W	4,209,018	Jun. 24, 1980	Hans Meinke et al.					
'	4,231,372	Nov. 4, 1980	David W. Newton					
	4,232,676	Nov. 11, 1980	Andrew Herczog					
	4,237,887	Dec. 9, 1980	Donald I. Gosner					
	4,237,891	Dec. 9, 1980	Ronald A. DuBose et al.					
	4,281,373	Jul. 28, 1981	Pierre Mabille					
	4,287,557	Sep. 1, 1981	Robert F. Brehse					
	4,303,073	Dec. 1, 1981	G. Kent Archibald					
	4,311,154	Jan. 19, 1982	Sterzer et al.					-
	4,314,559	Feb. 9, 1982	Richard E. Allen					
	4,321,926	Mar. 30, 1982	Ralph R. Roge	П				-
	4,334,539	Jun. 15, 1982	Warren L. Childs et al.					
	4,343,308	Aug. 10, 1982	Robert D. Gross					-
	4,372,315	Feb. 8, 1983	Julius Shapiro et al.					
	4,376,263	Mar. 8, 1983	Pittroff et al.					
	4,378,801	Apr. 5, 1983	Roger L Oosten					
	4,384,582	May. 24, 1983	John H. Watt				\Box	
	4,397,314	Aug. 9, 1983	Vaguine	П			1 1	
	4,407,272	Oct. 4, 1983	Tatuya Yamaguchi				1 1	
	4,411,266	Oct. 25, 1983	Eric R. Cosman			-	\Box	
	4,416,276	Nov. 22, 1983	David W. Newton et al.				1	
	4,416,277	Nov. 22, 1983	David W. Newton et al.	М	\dashv		$ \cdot $	
	4,437,464	Mar. 20, 1984	James J. Crow		7		† †	
	4,452,546	Jun. 5, 1984	S. Hiltebrandt et al.	М	\dashv		1	
	4,463,759	Aug. 7, 1984	Jon C. Garito et al.				† †	
	4,470,414	Sept. 11, 1984	Kyoshiro Imagawa et al.				† †	
	4,472,661	Sep. 18, 1984	Clifford T. Culver		1		$\dagger \dagger$	
	4,474,179	Oct. 2, 1984	Rainer Koch		\dashv		T^{\dagger}	
V	4,492,231	Jan. 8, 1985	David C. Auth		寸		1-1	
WP	4,492,832	Jan. 8, 1985	Glenn N. Taylor		ヿ		\Box	
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		U.S. PATEN	T DOCUMENTS					
Examiner Initial	Document Number	Date	Name	Cla	ıss	Sub	dass	Filing Date if Appropriate
NH	4,494,541	Jan. 22, 1985	G. Kent Archibald					фр. ор. поло
	4,514,619	Apr. 30, 1985	Michael M. Kugelman					
	4,520,818	Jun. 4, 1985	Stanley Mickiewicz					
	4,559,943	Dec. 24, 1985	William J. Bowers					
	4,565,200	Jan. 21, 1986	Eric R. Cosman					
	4,566,454	Jan. 28, 1986	Thomas L. Mehl et al.					
	4,569,345	Feb. 11, 1986	Michael R. Manes					
	4,576,177	Mar. 18, 1986	Webster Jr.					
	4,582,057	Apr. 15, 1986	Dacid C. Auth et al.					
	4,590,934	May. 27, 1986	Jerry L. Malis et al.					
	4,608,977	Sep. 2, 1986	Brown					
	4,630,218	Dec. 16, 1986	James R. Hurley					
	4,632,109	Dec. 30, 1986	William G. Patterson					
	4,644,955	Feb. 24, 1987	P. Mioduski					
	4,646,222	Feb. 24, 1987	Chihiro Okado et al.					
	4,651,264	Mar. 17, 1987	Shiao-Chung Hu					
	4,651,280	Mar. 17, 1987	Chang et al.					
	4,657,015	Apr. 14, 1987	Warner Irnich					
	4,658,815	Apr. 21, 1987	Gunter Farin et al.					
	4,658,819	Apr. 21, 1987	Frank W. Harris et al.			\perp		
	4,658,820	Apr. 21, 1987	Michael S. Klicek					
	4,662,383	May 5, 1987	Sogawa et al.	\perp				
	4,712,559	Dec. 15, 1987	Paul F.Turner	\perp		\perp		
	4,727,874	Mar. 1, 1988	William J. Bowers et al.	\perp	\Box			
	4,735,204	Apr. 5, 1988	Marvin L. Sussman et al.	\perp		\perp		
	4,739,759	Apr. 26, 1988	F. W. Rexroth et al.	_				
	4,741,334	May. 3, 1988	Wemer Imich					
	4,754,757	Jul. 5, 1988	Peter Feucht		Ц			
-74 NO	4,805,621	Feb. 21, 1989	Heinze et al.		Ц	\Box		
VOU	4,818,954	Apr. 4, 1989	Flachenecker et al.		Ų		Щ	
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	IN AN APPLICATION	Applicant Robert H. Wham et al.						
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Examiner Initial	Document Number	Date	Name	Cla	ss	Sub	dass	Filing Date if Appropriate
W	4,827,911	May. 9, 1989	Alan Broadwin et al.					
	4,827,927	May. 9, 1989	David W.Newton					
	4,832,024	May 23, 1989	Boussignac et al.					
	4,848,355	Jul. 18, 1989	Yasuhiro Nakamura et al.					
	4,860,745	Aug. 29, 1989	Gunter Farin et al.					
	4,862,889	Sept. 5, 1989	Peter Feucht					
	4,880,719	Nov. 14, 1989	Murofushi et al.					
	4,890,610	Jan. 2, 1990	L. T. Kirwan et al.					
	4,903,696	Feb. 27, 1990	Peter Stasz et al.		П			
	4,907,589	Mar. 13, 1990	Eric R. Cosman		П			
	4,922,210	May. 1, 1990	G. Flachenecker et al.		П			
	4,931,047	Jun. 5, 1990	Alan Broadwin et al.		П			
	4,931,717	Jun. 5, 1990	Randall C. Gray et al.		П			
	4,938,761	Jul. 3, 1990	Frieder H. Ensslin		П			
	4,942,313	Jul. 17, 1990	Helmut Kinzel		П			
	4,961,047	Oct. 2, 1990	Timothy J. Carder		П			
	4,961,435	Oct 9, 1990	Kitagawa et al.		П			
	4,966,597	Oct. 30, 1990	Cosman		П			
	4,969,885	Nov. 13, 1990	Gunter Farin		П			
	4,993,430	Feb. 19, 1991	Shimoyama et al.		П			
	4,995,877	Feb. 26, 1991	Felix Ams et al.					
	5,015,227	May. 14,1991	Alan Broadwin et al.					
	5,029,588	Jul. 9, 1991	Yock et al.	\neg				
	5,103,804	Apr. 14, 1992	Abele et al.				\Box	
	5,108,389	Apr. 28, 1992	Ioan Cosmescu	T			\Box	
	5,122,137	Jun. 16, 1992	Charles D. Lennox					
	5,133,711	Jul. 28, 1992	Alfred Hagen					
	5,151,102	Sept. 29, 1992	H. Kamiyama et al.	コ				
V	5,152,762	Oct. 6, 1992	Jay J. McElhenney	\neg				
WY	5,157,603	Oct. 20, 1992	Gregg D. Scheller et al.	\neg			1	
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لل	V.	5,160,334	Nov. 3, 1992	R. Gail Billings et al.					
	_	5,167,658	Dec. 1, 1992	Frieder H. Ensslin					
		5,190,517	Mar. 2, 1993	David A. Zieve et al.					
		5,196,009	Mar. 23, 1993	Lawerence T. Kirwan Jr.					
		5,201,900	Apr. 13, 1993	Paul C. Nardella					
		5,207,691	May. 4, 1993	Paul C. Nardella					
		5,230,623	Jul. 27, 1993	Guthrie et al.					
		5,233,515	Aug. 3, 1993	Eric R. Cosman					
		5,267,994	Dec. 7, 1993	Gentelia et al.					
		5,281,213	Jan. 25, 1994	Milder et al.		П		П	
		5,300,068	Apr. 5, 1994	George C. Rosar et al.		П			
		5,318,563	Jun. 7, 1994	Jerry L. Malis et al.		П		П	
		5,323,778	Jun. 28, 1994	Kandarpa et al.				П	
		5,324,283	Jun. 28, 1994	Helmut Heckele					
		5,330,518	Jul. 19, 1994	Neilson et al.					
		5,334,193	Aug. 2, 1994	Nardella					
		5,341,807	Aug. 30, 1994	Paul C. Nardella					
		5,342,356	Aug. 30, 1994	Alan G. Ellman		П	\neg		
		5,342,357	Aug. 30, 1994	Nardella		П	T		
		5,342,409	Aug. 30, 1994	Keith R. Mullett					
		5,348,554	Sep. 20, 1994	Imran et al.					
\perp		5,370,645	Dec. 6, 1994	Michael S. Klicek et al.					
_		5,370,672	Dec. 6, 1994	Kim R. Fowler et al.					
		5,370,675	Dec. 6, 1994	Edwards et al.					
4	_	5,372,596	Dec. 13, 1994	Michael S. Klicek et al.					
	_	5,383,876	Jan. 24, 1995	Nardella					
		5,383,917	Jan. 24, 1995	Desai et al.					
	,	5,385,148	Jan. 31, 1995	Lesh et al.					
. ¥	A	5,396,062	Mar. 7, 1995	David K. Eisentraut et al.					
N	杠	5,400,267	Mar. 21, 1995	Dennis J. Denen et al.					
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M	Ł	5,403,311	Apr. 4, 1995	Abele et al.					
\sqcup		5,403,312	Apr. 4, 1995	David C. Yates et al.					
		5,409,000	Apr. 25, 1995	Imran					
		5,409,006	Apr. 25, 1995	Buchholtz et al.					
		5,413,573	May. 9, 1995	John Koivukangas					
		5,417,719	May. 23, 1995	Vincent W. Hull et al.					
		5,422,567	Jun. 6, 1995	Derek Matsunaga					
		5,423,808	Jun. 13, 1995	Stuart D. Edwards et al.					
		5,423,809	Jun. 13, 1995	Michael S. Klicek					
		5,423,810	Jun. 13, 1995	Nigel M. Goble et al.					
		5,430,434	Jul. 4, 1995	Gabor Lederer et al.					_
		5,433,739	Jul. 18, 1995	Menno E. Stuijter et al.		П			
		5,434,398	Jul. 18, 1995	Samuel Goldberg		П			
		5,438,302	Aug. 1, 1995	Colin C. O. Goble		П			
		5,443,463	Aug. 22, 1995	Roger A. Stern et al.		П			
		5,451,224	Sept. 19, 1995	Nigel M. Goble et al.		П			···
		5,458,597	Oct. 17, 1995	Edwards et al.				П	
		5,462,521	Oct. 31, 1995	Brucker et al.					
		5,472,441	Dec. 5, 1995	Edwards et al.					
		5,472,443	Dec. 5, 1995	Jack C. Cordis et al.					
		5,478,303	Dec. 26, 1995	D. Folry-Nolan et al.			\neg		
		5,480,399	Jan. 2, 1996	Kevin A. Hebborn			\exists		
		5,483,952	Jan. 16, 1996	Ernie Aranyi	\neg		丁		
		5,490,850	Feb. 13, 1996	Eliman et al.					
		5,496,312	Mar. 5, 1996	Michael S. Klicek			\neg		
		5,496,313	Mar. 5, 1996	John S. Gentelia et al.			\top		
		5,500,012	Mar. 19, 1996	Brucker et al.					
]		5,500,616	Mar. 19, 1996	Sam S. Ochi			T		
	\Box	5,514,129	May. 7, 1996	Gregory C. Smith					
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Form PTO-14	149	Docket Number (Optional) 2920(203-3753)			Application Number 10/719,305			
INFOR	MATION DISCLOSUR	E CITATION	2920(203-3733)			''	19,50	3
	IN AN APPLICATION	NC	Applicant					
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			November 21, 200)3				
		U.S. PATEN	T DOCUMENTS					
Examiner InitiaL	Document Number	Date	Name	Cli	ass	Sub	class	Filing Date if Appropriate
NA	5,702,386	Dec. 31, 1997	Roger A. Stern et al.	H			1000	пуфрюрнаю
	5,702,429	Dec. 30, 1997	Garry William King	П	_			
	5,707,369	Jan. 13, 1998	Vaitekunas et al.					
	5,713,896	Feb. 3, 1998	Paul C. Nardella					
	5,720,744	Feb. 24, 1988	J. L. Eggleston et al.					
	5,722,975	Mar. 3, 1998	Stuart D. Edwards et al.					
	5,733,281	Mar. 31, 1998	Paul C. Nardella					
	5,749,869	May. 12, 1998	Heinz Lindenmeier et al.					
	5,749,871	May. 12, 1998	Larry L. Hood et al.					
	5,766,165	Jun. 16, 1998	John S. Gentelia et al.					
	5,772,659	Jun. 30, 1998	Daniel J. Becker et al.					
	5,792,138	Aug. 11, 1998	John I. Shipp					
	5,797,902	Aug. 25, 1998	Samuel G. Netherly					
	5,814,092	Sept. 29, 1998	Gary William King					
	5,817,093	Oct. 6, 1998	Williamson, IV et al.					
	5,820,568	Oct. 13, 1998	N. P. Willis					
	5,827,271	Oct. 27, 1998	Steven P.Bussey et al.					
	5,836,943	Nov. 17, 1998	Scott A. Miller, III					
	5,846,236	Dec. 8, 1998	Heinz Lindenmeier et al.					
	5,868,737	Feb. 9, 1999	Taylor et al.					
	5,868,739	Feb. 9, 1999	Heinz Lindenmeier et al.					
	5,868,740	Feb. 9, 1999	LeVeen et al.					
	5,871,481	Feb. 16, 1999	D. P. Kannenberg et al.			\Box		
	5,897,552	Apr. 27, 1999	Stuart D. Edwards et al.					
	5,908,444	Jun. 1, 1999	Larry Azure	\bot		\perp		
_	5,913,882	Jun. 22, 1999	Gary William King			\perp		
	5,921,982	Jul. 13, 1999	Lesh et al.	\bot				
	5,925,070	Jul. 20, 1999	Gary W. King et al.					
+	5,931,836	Aug. 3, 1999	Shinji Hatta et al.	_	\perp	\perp		
MI	5,938,690	Aug. 17, 1999	Jay Law et al.					
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without references Form PTO-1449 **Docket Number (Optional)** Application Number 2920(203-3753) 10/719,305 INFORMATION DISCLOSURE CITATION IN AN APPLICATION Applicant Robert H. Wham et al. (Use several sheets if necessary) Filing Date Group Art Number November 21, 2003 U.S. PATENT DOCUMENTS Examiner Document Filing Date Number Initial Date Name Class Subblass if Appropriate 5,948,007 Sept. 7, 1999 W. Starkenbaum et al. 5,951,546 Sept. 14, 1999 Torben Lorentzen 5,954,686 Sep. 21, 1999 Garito et al. 5,954,717 Sept. 21, 1999 Robert S. Behl et al. 5,971,980 Oct. 26, 1999 Marshall L. Sherman 5,976,128 Nov. 2, 1999 Bertram Schilling et al. 5,983,141 Nov. 9, 1999 Menno E. Sluijter et al. 6,010,499 Jan. 4, 2000 Garry V. Cobb 6,014,581 Jan. 11, 2000 Whayne et al. 6,033,399 Mar. 7, 2000 David Lee Gines 6,044,283 Mar. 28, 2000 Michael E. Fein et al. 6,053,910 Apr. 25, 2000 Richard P. Fleenor 6,053,912 Apr. 25, 2000 Panescu et al. 6,056,745 May 2, 2000 Panescu et al. 6,056,746 May 2, 2000 Goble et al. 6,063,078 May. 16, 2000 Wittkampf 6,068,627 May. 30, 2000 J. H. Orszulak et al. 6,074,386 Jun. 13, 2000 Neil Mark Goble et al. 6,093,186 Jul. 25, 2000 Colin C.O. Goble 6,113,591 Sept. 5, 2000 James G. Whayne et al. 6,123,702 Sept. 26, 2000 Swanson et al. 6,132,429 Oct. 17, 2000 James A. Baker 6,142,992 Nov. 7, 2000 Cheng et al. 6,203,541 Mar. 20, 2001 David Keppel 6,210,403 Apr. 3, 2001 Michael S. Klicek 6,228,080 May. 8, 2001 **David Lee Gines** 6.238.387 May. 29, 2001 Scott A. Miller, III 6,241,725 Jun. 5, 2001 Cosman 6,246,912 Jun. 12, 2001 Menno E. Sluijter et al. 6,251,106 Jun. 26, 2001 Daniel J. Becker et al. Examiner Date Considered Examiner: Initial if citation consid whether or not citation is in conformance with MPEP \$609; Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

without references Form PTO-1449 Docket Number (Optional) **Application Number** 10/719,305 2920(203-3753) **INFORMATION DISCLOSURE CITATION** IN AN APPLICATION Applicant Robert H. Wham et al. (Use several sheets if necessary) Filing Date Group Art Number November 21, 2003 U.S. PATENT DOCUMENTS Examiner Document Filing Date Initial Number Date Name Class Subplass if Appropriate 6,258,085 Jul. 10, 2001 Jeffery L. Eggleston 6,306,131 Oct. 23, 2001 Hareyama et al. 6,306,134 Oct. 23, 2001 Goble et al. 6,337,998 Jan. 8, 2002 Behi et al. 6,383,183 May 7, 2002 Sekino et al. 6,398,781 Jun. 4, 2002 Goble et al. 6,398,779 Jun. 4, 2002 Steven P. Buysse et al. 6,402,741 Jun. 11, 2002 David Keppel et al. 6,402,743 Jun. 11, 2002 J. H. Orszulak et al. 6,436,096 Aug. 20, 2002 N. Hareyama 6,451,015 Sep. 17, 2002 Rittman, III et al. 6,506,189 Jan. 14, 2003 Rittman, III et al. 6,511,476 Jan. 28, 2003 N. Hareyama 6,565,559 May. 20, 2003 Jeffery L. Eggleston 6,573,248 Jun. 3, 2003 Ramasamy et al. 6,575,969 Jun. 10, 2003 Rittman, III et al. 6,620,157 Sep. 16, 2003 Dabney et al. 6,663,623 Dec. 16, 2003 Oyama et al. Examiner Date Considered considered, whether or not citation is in conformance with MPEP \$609; Draw line through Examiner: Initial if citation citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

	INFORMATION DISCLOSURE CITATION		Docket Number (Optional) 2920(203-37		Application 10/719,30			
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		FOREIGN PATE	NT DOCUMENTS					
	Document Number	Date	Country	Class	Subclass	Translation Yes No		
W	179,607	Mar. 1905	DE					
	390,937	Apr.,1989	DE					
	1,099,658	Feb., 1961	DE					
	1,139,927	Nov.,1962	DE					
	1,149,832	Jun.,1963	DE					
	1,439,302	Jan. 1969	DE					
	2,407,559	Aug., 1975	DE					
	2,439,587	Feb., 1975	DE					
	2,455,174	May.,1975	DE					
	2,504,280	Aug.,1976	DE					
	2,540,968	Mar.,1977	DE					
	2,602,517	Jul., 1976	DE					
	2,803,275	Aug.,1979	DE					
_ _	2,820,908	Nov.,1978	DE					
	2,823,291	Nov.,1979	DE					
	2,946,728	May.,1981	DE DE					
	3,045,996	Jul., 1982	DE					
_	3,120,102	Dec.,1982	DE					
	3,143,421	May.,1982	DE					
	3,510,586	Oct.,1986	DE					
1/	3,604,823	Aug.,1987	DE					
V	3,904,558	Aug.,1990	DE					
W	3,942,998	Jul.,1991	DE					
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION			Docket Number (Optional) 2920(203-3753) Applicant Applicant							
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		FOREIGN PAT	ENT DOCUMENTS							
	Document Number	Date	Country	Class	Subglass	Transla Yes	ation No			
MP	246,350	Nov.,1987	EP							
	310,431	Apr.,1989	EP				\top			
	325,456	Jul., 1989	EP				1			
	336,742	Oct.,1989	EP							
	390,937	Oct., 1990	EP							
	556,705	Aug., 1993	EP							
	608,609	Aug.,1994	EP							
	1,275,415	Oct.,1961	FR							
	1,347,865	Nov.,1963	FR							
	2,313,708	Dec., 1976	FR							
	2,502,935	Oct.,1982	FR							
	2,517,953	Jun.,1983	FR							
	2,573,301	May, 1986	FR				T			
	855,459	Nov., 1960	GB							
W_	2,164,473	Mar., 1986	GB							
W	2,214,430	Sep. 6, 1989	GB							
										
										
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		FOREIGN PAT	ENT DOCUMENTS	3					
	Document Number	Date	Country	Class	Subclass	Translation			
IL AI	WO92/06642	Apr.,1992	PCT	Class	Suugass	162	No		
MA	WO93/24066	Dec.,1993	PCT				+		
	WO94/24949	Nov.,1994	PCT		 		+		
	WO94/28809	Dec.,1994	PCT				\top		
	WO95/09577	Apr.,1995	PCT						
	WO95/19148	Jul.,1995	PCT			-			
	WO96/04860	Feb.,1996	PCT						
	WO96/08794	Mar.,1996	PCT						
	WO96/18349	Jun.,1996	PCT						
	WO96/29946	Oct.,1996	PCT						
	WO96/39914	Dec.,1996	РСТ						
	WO97/06739	Feb.,1997	PCT						
	WO97/06740	Feb.,1997	PCT						
	WO97/06855	Feb.,1997	PCT						
	WO97/17029	May.,1997	PCT						
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Form PTQ-1	449	Docket Number (Optional)	Application Number
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	IN AN APPLICATION	Applicant	
		Robert H. Wham et al.	
	(Use several sheets if necessary)	Filing Date November 21, 2003	Group Art Number
	OTHER	DOCUMENTS	
0	Alexander et al., "Magnetic Resonance In		and I los of Image Eugine with
	Computerized Tomography to Enhance S	spatial Accuracy	ery. Ose of image rusion with
144	Journal Neurosurgery, 83; (1995) pp. 271	-276	
	Anderson et al., "A Numerical Study of Ra	anid Heating for High Temperature Pa	adio Fraguenas Hypodhormia*
	International Journal of Bio-Medical Comp		idio i requency riyperaterina
	Astrahan, * A Localized Current Field Hyp Medical Physics, 9 (3), May/Jun. 1982	erthermia System for Use with 192-in	idium interstitiai impiants
	Bergdahl et al., "Studies on Coagulation a	and the Development of an Automatic	computerized Ripolar
	Coagulator*		Computenzed bipolar
	Journal of Neurosurgery 75:1, (Jul., 1991)		
	Cosman et al., "Methods of Making Nervo In William RH, Rengachary SS (eds): Neu 2499.	ous System Lesions* urosurgery, New York: McGraw-Hill, vi	ol. 111, (1984), pp. 2490-
	Cosman et al., "Radiofrequency Lesion G	eneration and Its Effect on Tissue Im	pedance"
	Applied Neurophysiology 51: (1988) pp. 2		· · · · · · · · · · · · · · · · · · ·
	Cosman et al., "Theoretical Aspects of Ra	diofrequency Lesions in the Dorsal R	oot Entry Zone"
	Neurosurgery 15:(1984) pp. 945-950		
	Geddes et al., "The Measurement of Phys	siologic Events by Electrical Impedence	æ "
 Y 	Am. J. MI, Jan. Mar. 1964, pp. 16-27		
IN IP	Goldberg et al., "Tissue Ablation with Rad Temperature on Lesion Volume"	iofrequency: Effect of Probe Size, Ga	uge, Duration, and
IУV	Acad Radio (1995) Vol. 2, No. 5, pp. 399-	404	
	Medirex Brochpre "The O.R. Pro 300"	-	
	10 No Date		
110	Sugita et al., "Bipolar Coagulator with Auto	omatic Thermocontrol*	
109	J. Neurosurg., vol. 41, Dec. 1944, pp. 777	-779	
	Valleylab Brochure "Valleylab Electroshiel	d Monitoring System"	
	- 12 pp No Date		
	Vallfors et al., "Automatically Controlled B		> **
DVI	Neurosurgical Review 7:2-3 (1984) pp. 18	7-190	
NP	Wald et al., "Accidental Burns",	·	
194	JAMA, Aug. 16, 1971, Vol. 217, No. 7, pp.		
	Richard Welf Medical Instruments Corp. E	rochure, Kieppinger Bipolar Forceps	& Bipolar Generator
	3 pp. No Date		
Mil	Kevin Banks, "The Goertzel Algorithm"	4.00, 0.000	
Examiner	Embedded Systems Programming, Augus	t 28, 2002 Date C on	Sidered -
	M. PNW	1 2	19 <i>X10T</i>
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Applicant Wham et al. (Use several sheets if necessary) Filing Date 11/21/2003 Group Art Number 3762 U.S. PATENT DOCUMENTS Examiner Number Date Name Class Subclass if Appropriate A	Form PTO-14	MATION DISCLOSURI	F CITATION	Docket Number (Optional) 2920(203-3753)		Application 10/719,		
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Examiner Initial Number Date Name Class Subclass if Appropr 5,647,869 07/15/97 Goble et al. 2002/0035353 A1 03/21/02 Edwards et al. FOREIGN PATENT DOCUMENTS Document Number Date Country Class Subclass Yes 878,169 Nov., 1998 EP 878,169 Nov., 1998 EP OTHER DOCUMENTS Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1688 International Search Report - PCT/US03/37310		(Use several sheets if nece	ssary)	_				
Initial Number Date Name Class Subclass if Appropriate September 19, 647,869 07/15/97 Goble et al. 2002/0035353 A1 03/21/02 Edwards et al. 2002/003535 A1 03/21/02 A1 03/21/			U.S. PATEN	T DOCUMENTS				
2002/0035353 A1 2002/0035353 A1 3/21/02 Edwards et al. FOREIGN PATENT DOCUMENTS Document Number B78,169 Nov., 1998 EP OTHER DOCUMENTS Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1683 International Search Report - PCT/US03/37310	Initial		Date	Name	Class	Subclass		
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Document Number Date Country Class Subclass Yes 878,169 Nov., 1998 EP OTHER DOCUMENTS Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1683 International Search Report - PCT/US03/37310	M	2002/0035353 A1	03/21/02	Edwards et al.				
Number Date Country Class Subclass Ves 878,169 Nov., 1998 EP OTHER DOCUMENTS Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1683 International Search Report - PCT/US03/37310		F	OREIGN PAT	ENT DOCUMENTS				
OTHER DOCUMENTS Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1683 International Search Report - PCT/US03/37310				0 1		0 1 1		
OTHER DOCUMENTS Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 168: International Search Report - PCT/US03/37310	110			Country	Class	Subclass	Yes	No
Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1683 International Search Report - PCT/US03/37310	IVV	878,169	Nov., 1998	EP				
Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1683 International Search Report - PCT/US03/37310								
Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1683 International Search Report - PCT/US03/37310								
Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1683 International Search Report - PCT/US03/37310							-	
Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1683 International Search Report - PCT/US03/37310					<u> </u>			
Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1683 International Search Report - PCT/US03/37310						1		
Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1683 International Search Report - PCT/US03/37310								+
Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1683 International Search Report - PCT/US03/37310					 	<u> </u>		╁─╴
Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1683 International Search Report - PCT/US03/37310			<u> </u>		+			├
Chicharo et al. "A Sliding Goertzel Algorith" August 1996, pgs. 283-297 SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL. vol. 52 no. 3 Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1683 International Search Report - PCT/US03/37310			OTHER I	OCUMENTS	ţ			1
Ogden "Goertzel Alternative to the Fourier Transform" June 1993 pgs. 485-487 ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1683 International Search Report - PCT/US03/37310		Chicharo et al. "A Sliding Go	pertzel Algorith" A	August 1996, pgs. 283-29	7			
ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, GB vol. 99, no. 1687 International Search Report - PCT/US03/37310 International Search Report - PCT/US03/37310	M						l. 52 no. 3	
International Search Report - PCT/US03/37310	W	ELECTRONICS WORLD: R	EED BUSINESS	ansform" June 1993 pgs. PUBLISHING SUTTON	485-487 SURRE	Y. GB vol. 9	99. no. 168	7
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without references Sheet 1 of Form PTO-1449 Application Number **Docket Number (Optional)** 10/719,305 2920(203-3753) **INFORMATION DISCLOSURE CITATION** IN AN APPLICATION Applicant Wham et al. (Use several sheets if necessary) **Group Art Number** Filing Date November 21, 2003 3762 U.S. PATENT DOCUMENTS Examiner **Document** Filing Date Initial Number Date Name Class **Subclass** if Appropriate 4,848,335 7/18/89 Manes 5,019,176 5/2891 Brandhorst, Jr. 5,087,257 2/11/92 Farin 5,108,391 4/28/92 Flachenecker 5,162,217 11/10/92 Hartman 5,196,008 3/23/93 Kuenecke 5,267,997 12/7/93 Farin 5,300,070 4/5/94 Gentelia

5,383,874 1/24/95 Jackson 5,409,485 4/25/95 Suda 5,432,459 7/11/95 **Thompson** 5,436,566 7/25/95 **Thompson** 5,445,635 8/29/95 Denen 5,540,683 7/30/96 **Ichikawa** 5,558,671 9/24/96 Yates 5,573,533 11/12/96 Strul 5,647,869 7/15/97 Goble 5,647,871 7/15/97 Levine 5,722,975 3/3/98 **Edwards** 5,755,715 5/26/98 Stern 5,769,847 6/23/98 Panescu 5,797,802 8/25/98 Nowak 5,830,212 11/3/98 Cartmell 5,836,990 11/17/98 Li 5,931,836 8/3/99 Hatta Examiner Date Considered

Examiner: Initial if citation considered whether or not citation is in conformance with MPEP \$609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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		U.S. PATEN	T DOCUMENTS				
Examiner Initial	Document Number	Date	Name	Class	Sub	class	Filing Date if Appropriate
W	5,951,545	9/14/99	Schilling				
	6,063,075	5/16/00	Mihori				
	6,113,596	9/5/00	Hooven				
	6,228,081	5/8/01	Goble				_
	6,231,569	5/15/01	Bek				
	6,238,388	5/29/01	Eliman				
	6,245,065	6/12/01	Panescu				
	6,261,285	7/17/01	Novak				
	6,273,886	8/14/01	Edwards		П		
	6,275,786	8/14/01	Daners		П		
	6,293,941	9/25/01	Strui		П		
	6,309,386	10/30/01	Bek		П		
	6,338,657	1/15/02	Harper et al.				
	6,358,245	3/19/02	Edwards				
	6,398,779	6/4/02	Buysse				
	6,458,121	10/1/02	Rosenstock		П		
	6,464,689	10/15/02	Qin				
	6,464,696	10/15/02	Oyama				- -
	6,508,815	1/21/03	Strul				
	6,547,786	4/15/03	Goble				
	6,562,037	5/13/03	Paton				
	6,623,423	9/23/03	Sakurai				
	6,635,057	10/21/03	Harano				
	6,648,883	11/18/03	Francischelli				
V	6,652,514	11/25/03	Eliman				
MY	6,663,624	12/16/03	Edwards				
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	PTO-14	149 RMATION DISCLOSU	RE CITATION	Docket Number (Optional) 2920(203-3753)				ication 19,30	Number 95
		IN AN APPLICAT	ION	Applicant Wham et al.					
		(Use several sheets if nec	essary)	Filing Date November 21, 2003		Group Art Number 3762			Number
			U.S. PATEN	T DOCUMENTS		•	<u>-</u>		
	niner tial	Document Number	Date	Name	Cla	ıss	Sub	çlass	Filing Date if Appropriate
M	\mathcal{Q}	6,666,860	12/23/03	Takahashi					
		6,679,875	1/20/04	Honda					
		6,685,700	2/3/04	Behl					
		6,692,489	2/17/04	Heim					
		6,712,813	3/30/04	Ellman					
		6,730,080	5/4/04	Harano					
		6,733,495	5/11/04	Bek					
		6,733,498	5/11/04	Paton					
		6,740,079	5/25/04	Eggers					
		6,740,085	5/25/04	Hareyama					
		6,783,523	8/31/04	Qin					
		6,790,206	9/14/04	Panescu					
<u> </u>		6,796,981	9/28/04	Wham					
		6,824,539	11/30/04	Novak					
		6,830,569	12/14/04	Thompson					
		6,843,789	1/18/05	Goble		-			_
		6,849,073	2/1/05	Ноеу					
		6,855,141	2/15/05	Lovewell					
		6,855,142	2/15/05	Harano					
		6,860,881	3/1/05	Sturm					
		6,864,686	3/8/05	Novak					
\		6,875,210	4/5/05	Refior					
<u> </u>	4	6,893,435	5/17/05	Roane					
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	IN AN APPLICAT	ION	Applicant Wham et al.					
	(Use several sheets if neo	essary)	Filing Date November 21, 2003	Group Art Number 3762			lumber	
			APPLICATION DOC	CUME	ראנ	rs		
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MP	US2002/0035364 A1	3/21/02	Schoenman et al.	\prod				
	US2002/0068932 A1	6/6/02	Edwards	\prod				
	US2002/0193787 A1	12/19/02	Qin	\prod				
	US2003/0078572 A1	4/24/03	Pearson et al.					
	US2003/0153908 A1	8/14/03	Goble					
	US2003/0163123 A1	8/28/03	Goble					
	US2003/0163124 A1	08/28/03	Goble			\prod		
	US2003/0171745 A1	09/11/03	Francischelli					
	US2003/0199863 A1	10/23/03	Swanson					
	US2003/0060818 A1	03/27/03	Kannenberg					
	US2004/0002745 A1	1/1/04	Flemming					
	US2004/0019347 A1	1/29/04	Sakurai					
	US2004/0024395 A1	2/5/04	Ellman					
	US2004/0030328 A1	2/12/04	Eggers					
	US2004/0044339 A1	3/4/04	Beller					
	US2004/0049179 A1	3/11/04	Francischelli					
	US2004/0054365 A1	3/18/04	Goble					
	US2004/0068304 A1	4/8/04	Paton					
	US2004/0082946 A1	4/29/04	Malis					
	US2004/0097912 A1		Gonnering					
	US2004/0097914 A1	5/20/04	Pantera					
	US2004/0097915 A1	5/20/04	Refior					
	US2004/0116919 A1	6/17/04	Heim					
WP	US2004/0133189 A1	7/8/04	Sakurai					
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	TO-1449 FORMATION DISCLOSU	RE CITATION	Docket Number (Optional) 2920(203-3753)	_	Application 10/719,30			
	IN AN APPLICAT	ION	Applicant Wham et al.					
	(Use several sheets if nec	essary)	Filing Date November 21, 2003		Group Art Number 3762			
	U.S. PUBL	ISHED PATEN	T APPLICATION D	OCUME	NTS			
Examir Initia		Publication Date	Name	Class	Subclass	Filing Date if Appropriate		
M	US2004/0138653 A1	7/15/04	Dabney					
<u>L</u> '	US2004/0138654 A1	7/15/04	Goble					
$\Box \bot$	US2004/0172016 A1	9/2/04	Bek					
	US2004/0230189 A1	11/18/04	Keppel					
	US2004/0260279 A1	12/23/04	Goble					
\Box	US2005/0004564 A1	1/6/05	Wham			_		
	US2005/0101951 A1	5/12/05	Wham					
	US2005/0113818 A1	05/26/05	Sartor					
	US2005/0113819 A1	05/26/05	Wham					
	US2005/0149151 A1	07/07/05	Orszulak					
	US2005/0182398 A1	_08/18/05	Paterson					
	US2005/0197659 A1	09/08/05	Bahney					
LV	US2005/0021022 A1	01/27/05	Sturm et al.					
W	US2005/0203504 A1	09/15/05	Wham et al.					
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Form PTO-1	DRMATION DISCLOSURE (CITATION	Docket Number (Optional) 2920(203-3753)		Application 10/719,305		
1	IN AN APPLICATION		Applicant Wham et al.				
	(Use several sheets if necessa	ry)	Filing Date November 21, 2003		Group Art No 3762	umber	
	FOR	EIGN PATE	NT DOCUMENTS				
	Document Number	Date	Country	Class	Subclass	Transla Yes	tion No
	EP836,868	Jo Dak	EP EP	 			
	EP878,169		EP	<u> </u>			\bot
M	EP1293171	Mar. 2003	EP	<u> </u>			
	DE19717411 A1	No De	Ac DE				1-
NAP	WO 03/092520	Nov. 2003	PCT				
	WO 04/028385	Apr. 2004	PCT				
	WO 04/098385	Apr. 2004	PCT	<u> </u>			
	WO 05/046496	May 2005	PCT				
	WO 05/048809	June 2005	PCT				
	WO 05/050151	June 2005	PCT				
AUX	WO 05/060365	Nov. 2003	PCT				
			DCUMENTS				
MA	International Search Repor	t - PCT/US03/37	7110				
- 	International Search Repor	t - PCT/US03/37	7310				
	International Search Repor	t - EP4009964					
	International Search Repor	t - EP98300964	.8				
	International Search Repor	+ ED04015091	6				
	International Search Nepul	1- EFU4013801.	.0				
1/	Chicharo et al. "A Sliding Goe	rtzel Algorith" Au	gust 1996, pgs. 283-297				
ANA	SIGNAL PROCESSING, ELS Ogden "Goertzel Alternative t				IL vol. 52 no.	3	
104	ELECTRONICS WORLD; RE				vol. 99, no 9	9. 1687	
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		U.S. PATEN	T DOCUMENTS					
Examiner Initial	Document Number	Date	Name	Cla	Class Subq		lass	Filing Date if Appropriate
VV	3,964,487	Jun. 22, 1976	Donald W. Judson					
	5,696,351	Dec. 9, 1997	Benn et al.					
	5,961,344	Oct. 5, 1999	Rosales et al.	\Box				
	6,162,217	Dec. 19, 2000	Kannenberg et al.					
M	6,685,701	2/3/2004	Orszulak et al.	11		П		<u>-</u>
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MAL	2001/0014804 A1	August 16, 2001	Goble et al.	_		├	$\overline{}$	
-	2003/0004510 A1	Jan. 2, 2003	Wham et al.				\rightarrow	
	2003/0139741 A1	July 24, 2003	Goble et al.	_		\vdash	$\overline{}$	
1.40	2004/0243120 A1	Dec. 2, 2004	Orszulak et al.				_	
M	2006/0025760 A1	Feb. 2, 2006	Podhajsky	 -		 		
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Form PTO-14	INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number (Optiona 2920(203-37		Application 10/719,30			
	IN AN APPLICAT	ION	Applicant Wham et al.				
	(Use several sheets if nec	cessary)	Filing Date November 21,	2003	Group Art N	lumber 3762	
		FOREIGN PATI	ENT DOCUMENTS	,			
	Document Number	Date	Country	Class	Sub¢lass	Transla Yes	tion No
W	179,607	Mar. 1905	DE				
	390,937	Apr.,1989	DE				
	1,099,658	Feb., 1961	DE				
	1,139,927	Nov.,1962	DE				
	1,149,832	Jun.,1963	DE				
	1,439,302	Jan. 1969	DE				
	2,407,559	Aug., 1975	DE				
	2,439,587	Feb., 1975	DE				
	2,455,174	May.,1975	DE				
	2,504,280	Aug.,1976	DE				
	2,540,968	Mar.,1977	DE				
	2,602,517	Jul., 1976	DE				
	2,803,275	Aug.,1979	DE				
	2,820,908	Nov.,1978	DE				
	2,823,291	Nov.,1979	DE				
	2,946,728	May.,1981	DE				
	3,045,996	Jul., 1982	DE				
	3,120,102	Dec.,1982	DE				
	3,143,421	May.,1982	DE				
	3,510,586	Oct.,1986	DE				
	3,604,823	Aug.,1987	DE				
	3,904,558	Aug.,1990	DE				
W _O	3,942,998	Jul.,1991	DE				
14	19,717,411	Nov., 1998	DE				
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Form PTO-14	INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Docket Number (Optional 2920(203-37		Application 10/719,30		
			Applicant Wham et al.				
	(Use several sheets if ne	cessary)	Filing Date November 21,	2003	Group Art N	lumber 3762	
		FOREIGN PATI	ENT DOCUMENTS	}			
	Document Number	Date	Country	Class	Sub¢lass	Transla Yes	lion No
W	246,350	Nov.,1987	EP				
	390,937	Oct., 1990	EP				
	556,705	Aug., 1993	EP				
	836,868	April, 1998	EP				
	878,169	Nov., 1998	EP				
	1,293,171	Mar. 19, 2003	EP				
	1,275,415	Oct.,1961	FR				
	1,347,865	Nov.,1963	FR				
	2,313,708	Dec., 1976	FR			· _	
	2,502,935	Oct.,1982	FR				
	2,517,953	Jun.,1983	FR				
	2,573,301	May, 1986	FR				
	607,850	Sep. 1948	GB				
	902,775	Aug., 1962	GB				
	WO02/011634	Feb., 2002	PCT				
	WO02/045589	June, 2002	PCT				
	WO02/088128	July, 2002	PCT				
	166,452	Jan., 1965	SU				
Ш	727,201	Apr.,1980	SU				
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Form PTO-1449	Docket Number (Optional)	Application Number							
	2920(203-3753)	10/719,305							
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IN AN APPLICATION	Applicant								
	Wham et al.								
(Use several sheets if necessary)	Filing Date	Group Art Number							
	November 21, 2003	3762							
OTHER	DOCUMENTS								
A									
Medtrex Brochure "The O.R. Pro 300"	·								
1 p. September 1998									
Valleylab Brochure 'Valleylab Electroshie	d Monitoring System"								
2 pp. November, 1995									
Richard Wolf Medical Instruments Corp. Brochure, "Kleppinger Bipolar Forceps & Bipolar Generator"									
3 pp. January 1989									
Bergdahl et al. "Studies on Coagulation al Coagulator"	nd the Development of an Automatic C	omputerized Bipolar							
J.NEUROSURG, VOL.75, JULY 1991, pp	148-151								
International Search Report PCT/US03/37	7110								
dated July 25, 2005		·							
International Search Report PCT/US03/37	7310								
dated August 13, 2004									
International Search Report EP 04009964									
dated July 13, 2004									
International Search Report EP 98300964	.8								
dated December 4, 2000									
International Search Report EP 04015981	.6								
dated September 29, 2004									
International Search Report EP 05014156	3.3								
dated December 28, 2005									
International Search Report EP 05021944	.3	-							
dated January 18, 2006									
International Search Report EP 05022350									
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INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

Applicant Wham et al.

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Filing Date Group Art Number
November 21, 2003 3762

Class

Subclass

		U.S. PATENT DOCUMENT			
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	RE 33,420	Nov. 6, 1990	Marvin L. Sussma		

RE 33,420	Nov. 6, 1990	Marvin L. Sussman		
RE 36,871	Sept. 12, 2000	Paul Epstein		
1,787,709	Jan. 6, 1931	F.C. Wappler		
1,813,902	Jul. 14, 1931	W.T. Bovie		
1,841,968	Jan. 19, 1932	N.H. Lowry		 -
1,863,118	Jun. 14, 1932	J.G.H. Liebel		
1,945,867	Feb. 6, 1934	P.C./Rawis		
2,827,056	Mar. 18, 1958	J. Degelman		
ź 2,849,611	Aug. 26, 1958	R.P. Adams		
2,982,881	May 2, 1961	R.W. Reich		
3,058,470	Oct. 16, 1962	E Seeliger et al.		
3,089,496	May. 14, 1963	J. Degelman		
3,163,165	Dec 29 1964	Humin slikawa	\	
3,252,052	May. 17, 1966	F.M. Nash		
3,391,351	Jul. 2, 1968	D. W. Trent		
3,402,326	Sept 17, 1968	R.A. Guasco et al.		
3,413,480	Nov. 26, 1968	J.R. Biard et al.		
3,436,563	Apr. 1, 1969	W.M. Regitz		
3,439,253	Apr. 15, 1969	M.J. Piteo		
3,439,680	Apr. 22, 1969	E.R. Thomas Jr.		
3,461,874	Aug. 19, 1969	M. Martinez		
3,471,770	Oct. 7, 1969	K. E. Haire	<u> </u>	
3,478,744	Nov. 18, 1969	H. Leiter		
3,486,115	Dec. 23, 1969	D. J. Anderson		
3,495,584	Feb. 17, 1970	A. W. Schwalm		
3,513,353	May. 19, 1970	J. L. Lansch		
3,514,689	May 26, 1970	R. Giannamore		
3,515,943	Jun. 2, 1970	Warrington		
3,551,786	Dec. 29, 1970	J.L. Van Gulik		

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INFORI	MATION DISCLOSUR	RE CITATION	Docket Number (Optional) 2920(203-3753)		Application 10/719,		
	IN AN APPLICATION	ON	Applicant Wham et al.				
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		U.S. PATEN	T DOCUMENTS				
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Initial	Number	Date	Name Name	Class	Subclass	if Appropriate	
	3,562,623	Reb. 9, 1971	Robert P. Farnsworth			•	
	3,571,644	Mar. 23, 1971	Albert Jakoubovitch				
	3,589,363	Jun. 29, 1971	Anton Banko				
	3,595,221	Jul. 27, 1971	John Harold Blackett				
	3,601,126	Aug. 24, 1971	Jerry R. Estes				
	3,611,053	Oct. 5, 1971	William G. Rowell				
	3,641,422	Feb. 18, 1972	Farnsworth et al./				
	3,662,151	May. 9, 1972	Paul C. Haffey				
	3,675,655	Jul. 11, 1972	Weldon Rex Sittner				
	3,683,923	Aug. 15, 1972	Robert K. Anderson				
	3,693,613	Sept. 26, 1972	Chartes Kelman				
	3,697,808	Oct. 10, 1972	Joo Chan Lee	1			
	3,699,967	Oct. 24, 1972	Robert K. Anderson				
	3,720,896	Mar. 13, 1973	Reiner Bierein				
	3,743,918	Jul. 3, 1973/	Guy Maitre			•	
	3,766,434	Oct. 16, 1973	Stanley A. Sherman				
	3,768,482	Oct. 30, 1913	Robert F. Shaw				
	3,783,340	Jan, 1, 1974	Richard S. Becker			 	
	3,784,842	Jan. 8, 1974	Frederic B. Kremer				
	3,801,766	Apr. 2, 1974	Charles F. Morrison, Jr.				
	3,801,800	Apr. 2, 1974	David W. Newton				
	3,812,858	May. 28, 1974	Maurice Jules Oringer				
	3,815,015	Jun. 4, 1974	Swin et al.		A		
	3,826,263	Jul. 30, 1974	John M. Cage et al.				
	3,828,768	Aug. 13, 1974	David W. Douglas				
	3,848,600	Nov. 19, 1974	C. T. Patrick, Jr., et al.				
	3,870,047	Mar. 11, 1975	Donald I. Gonser				
	3,875,945	Apr. 8, 1975	Joshua Friedman			$\overline{}$	
	3,885,569	May. 27, 1975	Donald W. Judson				
	3,897,787	Aug. 5, 1975	Yuji Ikuno et al.		-		
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INFOR	MATION DISCLOSUR		Docket Number (Optional) 2920(203-3753)		Application 10/719,		
	IN AN APPLICATION	ON	Applicant Wham et al.				
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en en	\	U.S. PATEN	T DOCUMENTS	,			
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
	3,897,788	Aug. 5, 1975	David W. Newton				
	3,901,216	Aug. 26, 1975	Milton R. Felger				
	3,905,373	Sept. 16, 1975	Donald I. Gonser				
	3,913,583	Oct. 21, 1975	William T. Bross				
	3,923,063	Dec. 2, 1975	Stephen Andrews et al.				
	3,933,157	_Jan. 20, 1976	Per Henrik Bjurwill et al.				
	3,946,738	Mar. 30, 1976	David W. Newton et al.				
	3,952,748	Apr. 27, 1976	Keliher et al.	\			
	3,963,030	Jun. 15, 1976	David W. Newton				
	3,964,487	Jun. 22, 1976	Donald W. Judson	1			
	3,971,365	Jul. 27, 1976	Leland B. Smith		$\neg \top$		
	3,980,085	Sept. 14, 1976	Yuji Ikuna	7			
	4,005,714	Feb. 1, 1977	Siegfried Hilebrandt				
	4,024,467	May 17, 1977	Andrews et al.			-	
	4,041,952	Aug. 16, 1977	C. Morrison, Ir. et al.	\prod			
	¥,051,855	Oct. 4, 1977	Max Schneiderman	11		-	
	4063,557	Dec. 20, 1977	David G. Wuchinich et al.	7			
	4,074,719	Feb. 21, 1978	Kurt Semm				
	4,092,986	Jun. 6, 1978	Max Schneiderman			-	
	4,094,328	Jun. 13, 1978	David W. Newton et al.				
	4,102,341	Jul . 25, 19 78	Yuzi Ikuno et al.				
	4,114,623	Sept. 19, 1978	Hans Meinke et al.				
	4,121,590	Oct. 24, 1978	Donald I. Gonser				
	4,123,673	Oct. 31, 1978	Donald I. Gonser		/		
	4,126,137	Nov. 21, 1978	G. Kent Archibald				
	4,145,636	Mar. 20, 1979	S.Doi				
	4,188,927	Feb. 19, 1980	Frank W. Harris				
<u>. </u>	4,191,188	Mar. 4, 1980	Kenneth W. Belt et al.				
	4,196,734	Apr. 8, 1980	Frank W. Harris				
	4,200,104	Арг. 29, 1980	Frank W. Harris				
	4,200,105	Apr. 29, 1980	Donald I. Gosner				
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4,209,018 4,231,372		5			Filing Date
4,231,372	Jun 24 1980	Name	Class	Subclass	if Appropriate
	C 0011: 2-1; 1000	Hans Meinke et al.			
	Nov. 4, 1980	David W. Newton			
4,232,676	Nov. 11, 1980	Andrew Herczog		!	
4,237,887	Dec. 9, 1980	Donald I. Gosner			
4,237,891	Dec. 9, 1960	Ronald A. DuBose et al.			
4,281,373	Jul. 28, 1981	Pierre Mabille			
4,287,557	Sep. 1, 1981	Robert F. Brehse	۸.		
4,303,073	Dec. 1, 1981	G Kent Archibald			
4,311,154	Jan. 19, 1982	Sterzer et al.	\prod		
4,314,559	Feb. 9, 1982	Richard E. Allen	\cap		
4,321,926	Mar. 30, 1982	Ralph R. Roge			
4,334,539	Jun. 15, 1982	Warren L. Childs et al.			
4,343,308		Robert D. Gross			
		Julius Shapiro et al.			
		Roger L Oosten	1		
4,384,582			1		
4,397,314			7		
4,407,272		Tatuya Yamaguchi	<i>\</i>		
	Oct, 25, 1983	Eric R. Cosman			
4,416,276	Nov. 22, 1983	David W. Newton et al.			
4,416,277					
4,437,464	Mar. 20, 1984	James J. Crow		7	
4,452,546					$\overline{}$
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4,472,661					
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	Jan. 8, 1985	Glenn N. Taylor			
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	4,237,891 4,281,373 4,287,557 4,303,073 4,311,154 4,314,559 4,321,926 4,334,539 4,343,308 4,372,315 4,376,263 4,378,801 4,384,582 4,397,314 4,407,272 4,411,266 4,416,276 4,416,277 4,437,464 4,452,546 4,463,759 4,470,414 4,472,661 4,474,179 4,492,231 4,492,832	4,237,891 Dec. 9, 1980 4,281,373 Jul. 28, 1981 4,287,557 Sep. 1, 1981 4,303,073 Dec. 1, 1981 4,311,154 Jan. 19, 1982 4,314,559 Feb. 9, 1982 4,321,926 Mar. 30, 1982 4,343,308 Aug. 10, 1982 4,372,315 Feb. 8, 1983 4,376,263 Mar. 8, 1983 4,376,263 Mar. 8, 1983 4,378,801 Apr. 5, 1983 4,384,582 May. 24, 1983 4,397,314 Aug. 9, 1983 4,407,272 Oct. 4, 1983 4,411,266 Oct. 25, 1983 4,416,276 Nov. 22, 1983 4,416,277 Nov. 22, 1983 4,437,464 Mar. 20, 1984 4,452,546 Jun. 5, 1984 4,463,759 Aug. 7, 1984 4,470,414 Sept. 11, 1984 4,470,414 Sept. 11, 1984 4,472,661 Sep. 18, 1985 4,492,832 Jan. 8, 1985 citation considered, whether or not citati	4,237,891 Dec. 9, 1980 Ronald A. DuBose et al. 4,281,373 Jul. 28, 1981 Pierre Mabille 4,287,557 Sep. 1, 1981 Robert F. Brehse 4,303,073 Dec. 1, 1981 Robert F. Brehse 4,311,154 Jan. 19, 1982 Sterzer et al. 4,314,559 Feb. 9, 1982 Ralph R. Roge 4,334,539 Jun. 15, 1982 Warren L. Childs et al. 4,343,308 Aug. 10, 1982 Robert D. Gross 4,372,315 Feb. 8, 1983 Pitroff et al. 4,376,263 Mar. 8, 1983 Pitroff et al. 4,378,801 Apr. 5, 983 Rogert Oosten 4,384,582 May. 24, 1983 John H. Watt 4,397,314 Aug. 9, 1983 Vaguine 4,407,272 Oct. 4,1983 Tatuya Yamaguchi 4,411,266 Oct. 25, 1983 Eric R. Cosman 4,416,277 Nov. 22, 1983 David W. Newton et al. 4,437,464 Mar. 20, 1984 James J. Crow 4,452,546 Jun. 5, 1984 S. Hiltebrandt et al. 4,470,414 Sept. 11, 1984 Kyoshiro Imagawa et al. 4,470,414 Sept. 11, 1984 Rainer Koch 4,492,231 Jan. 8, 1985 Glenn N. Taylor citation considered, whether or not citation is in conformance with M.	4,237,891 Dec. 9, 1980 Ronald A. DuBose et al. 4,281,373 Jul. 28, 1981 Pierre Mabille 4,287,557 Sep. 1, 1981 Robert F. Brehse 4,303,073 Dec. 1, 1981 Kent Archibald 4,311,154 Jan. 19, 1982 Sterzer et al. 4,314,559 Feb. 9, 1982 Ralph R. Roge 4,334,539 Jun. 15, 1982 Warren L. Childs et al. 4,343,308 Aug. 10, 1982 Robert D. Gross 4,372,315 Feb. 8, 1983 Julius Shapiro et al. 4,376,263 Mar. 8, 1983 Pitroff et al. 4,378,801 Apr. 5, 1983 Rogert Costen 4,384,582 May. 24, 1983 John H. Watt 4,397,314 Aug. 9, 1985 Vaguine 4,407,272 Oct. 4, 1983 Tatuya Yamaguchi 4,411,266 Oct 25, 1983 Eric R. Cosman 4,416,276 Nov. 22, 1983 David W. Newton et al. 4,437,464 Mar. 20, 1984 James J. Crow 4,452,546 Jun. 5, 1984 S. Hiltebrandt et al. 4,463,759 Aug. 7, 1984 Jon C. Garito et al. 4,470,414 Sept. 11, 1984 Kyoshiro Imagawa et al. 4,470,414 Sept. 11, 1984 Rainer Koch 4,492,231 Jan. 8, 1985 Glenn N. Taytor Date Ceitation considered, whether or not citation is in conformance with MPEP \$608	4,237,891 Dec. 9, 1980 Ronald A. DuBose et al. 4,281,373 Jul. 28, 1981 Pierre Mabille 4,287,557 Sep. 1, 1981 Robert F. Brehse 4,303,073 Dec. 1, 1981 G. Kent Archibald 4,311,154 Jan. 19, 1982 Sterzer et al. 4,314,559 Feb. 9, 1982 Ralph R. Roge 4,334,539 Jun. 15, 1982 Warren L. Childs et al. 4,343,308 Aug. 10, 1982 Robert D. Gross 4,372,315 Feb. 8, 1983 Julius Shapiro et al. 4,376,263 Mar. 8, 1983 Pitroff et al. 4,378,801 Apr. 5, 983 Rogert Dosten 4,384,582 May. 24, 483 John H. Watt 4,397,314 Aug. 9, 1983 Vaguine 4,407,272 Oct. 4, 1983 Tatuya Yamaguchi 4,411,266 Oct. 25, 1983 Eric R. Cosman 4,416,276 Nov. 22, 1983 David W. Newton et al. 4,437,464 Mar. 20, 1984 James J. Crow 4,452,546 Jun. 5, 1984 S. Hiltebrandt et al. 4,470,414 Sept. 11, 1984 Kyoshiro Imagawa et al. 4,472,661 Sep. 18, 1984 Clifford T. Culver 4,474,179 Oct. 2, 1984 Rainer Koch 4,492,231 Jan. 8, 1985 David C. Auth

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Form PTO-14 INFORI	MATION DISCLOSUR	E CITATION	Docket Number (Optional) 2920(203-3753)		Application 10/719,		
	IN AN APPLICATION	ON	Applicant Wham et al.				
	(Use several sheets if nece	essary)	Filing Date November 21, 200	3	Group Art Number 3762		
		U.S. PATEN	T DOCUMENTS				
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
	4,494,541	Jan. 22, 1985	G. Kent Archibald				
	4,514,619	Apr. 30, 1985	Michael M. Kugelman				
	4,520,818	Jun. 4, 1985	Stanley Mickiewicz				
	4,559,943	Dec. 24, 1985	William J. Bowers				
	4,565,200	Jan. 21, 1986	Eric R. Cosman				
	4,566,454	Jan. 28, 1986	Thomas L. Mehl et al.				
	4,569,345	Feb. 11, 1986	Michael R. Manes				
	4,576,177	Mar. 18, 1986	Webster Jr∧	1			
	4,582,057	Apr. 15, 1986	Dacid C. Autretal.	\square			
	4,590,934	May. 27, 1986	Jerry L. Malis et al.	\Box			
	4,608,977	Sep. 2, 1986	Brown	$\Box T$			
	4,630,218	Dec. 16, 1986	James R. Hurley	7			
	4,632,109	· · · · · · · · · · · · · · · · · · ·	William G. Patterson				
	4,644,955	Feb. 24, 1987	P. Mioduski				
	4,646,222	Feb. 24, 1987	Chihiro Okado et at.	77			
	4,651,264	Mar. 17, 1987	Shiao-Chung Hu	7			
	4,65,280	Mar. 17, 1987	Chang/et al.		$\overline{}$		
	4,657,015	Apr. 14, 1987	Warner Irnich				
	4,658,819		Gunter Farin et al.				
ï	4,658,819	Apr. 21, 1987	Frank W. Harris et al.				
	4,658,820	Apr. 21, 1987	Michael S. Klicek				
	4,662,383	May 5, 1987	Sogawa et al.				
	4,712,559	Dec. 15, 1987	Paul F.Turner				
	4,727,874		William J. Bowers et al.				
	4,735,204	Apr. 5, 1988	Marvin L. Sussman et al.				
	4,739,759		F. W. Rexroth et al.				
	4,741,334		Werner Irnich				
	4,754,757	Jul. 5, 1988	Peter Feucht				
	4,805,621	Feb. 21, 1989	Heinze et al.				
	4,818,954	Apr. 4, 1989	Flachenecker et al.				
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		U.S. PATEN	T DOCUMENTS				
niner tial	Document Number	Date	Name	Class	Subclass	Filing D	
	4,827,911	May. 9, 1989	Alan Broadwin et al.				
	4,827,927	May. 9, 1989	David W.Newton				
	4,832,02	May 23, 1989	Boussignac et al.				
	4,848,355	Jul. 18, 1989	Yasuhiro Nakamura et al				
	4,860,745	Aug. 29, 1989	Gunter Farin et al.				
	4,862,889	Sept. 6, 1989	Peter Feucht				
	4,880,719	Nov. 14, 1989	Murofushi et al.				
	4,890,610	Jan. 2, 1990	L. T. Kirwan et A.				
	4,903,696	Feb. 27, 1990	Peter Stasz et al.				
	4,907,589	Mar. 13, 1990	Erio R. Cosman				
	4,92 2,210	May. 1, 1990	G. Rischenecker et al				
	4,931,047	Jun. 5, 1990	Alan Broadwin eNal.				
	4,931,717	Jun. 5, 1990	Rangallo, Gray et al.				
	4,938,761	Jul. 3, 1990	FriedexH. Ensslin				
	4,942,313	Jul. 17, 1990	Helmut Kinzel				
	\4,961,047	Oct. 2, 1990	Timothy J. Carder				
	4,961,435	Oct 9, 1990	Kitagawa et a				
	4,966,597	Oct. 30, 1990	Cosman	<u> </u>			
	4,969,885	Nov. 13, 1990	Gunter Farin				
	4,993,438	Feb. 19, 1991	Shimoyama et al.				
	4,995,877	Feb. 26, 1991	Felix Ams et al.				
	5,015,227	May. 14,1991	Alan Broadwin et al.				
	5,029,588	Jul. 9, 1991	Yock et al.				
	5,103,804	Apr. 14, 1992	Abele et al.				
_	5,108,389	Apr. 28, 1992	loan Cosmescu				
	5,122,137	Jun. 16, 1992	Charles D. Lennox				
	5,133,711	Jul. 28, 1992	Alfred Hagen				
	5,151,102	Sept. 29, 1992	H. Kamiyama et al.			\overline{X}	
	5,152,762	Oct. 6, 1992	Jay J. McElhenney				
	5,157,603	Oct. 20, 1992	Gregg D. Scheller et al.				$\overline{\lambda}$
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		U.S. PATEN	T DOCUMENTS			
xaminer Initial	Document Number	Nate	Name	Class	Subclass	Filing Date if Appropriate
	5,160,334	Nov. 3, 1992	R. Gail Billings et al.			
	5,167,658	Dec. 1, 1992	Frieder H. Ensslin			
	5,190,517	Mar. 2, 1993	David A. Zieve et al.			
	5,196,009	Mar. 23, 1993	awerence T. Kirwan Jr.			
	5,201,900	Apr. 13, 1993	Paul C. Nardella			
	5,207,691	May. 4, 1993	Paul C. Nardella	N.		
	5,230,623	Jul. 27, 1993	Guthrie et al.	1		
	5,233,515	Aug. 3, 1993	Eric R. Cosman			
	5,267,994	Dec. 7, 1993	Gentelia Wal.			
	5,28 1, 213	Jan. 25, 1994	Milder e al.			
	5,300,068	Apr. 5, 1994	George C. Rosar et al.			
	5,318,563	Jun. 7, 1994	Jerry L. Malis et al.			
	5,323,778	Jun. 28, 1994	Kandarpa et al.			
	5,324,283	Jun. 28, 1994	Helmut Heckele	\setminus		· · · · · · · · · · · · · · · · · · ·
	5,330,518	Jul. 19, 1994	Neilson et al.			· · ·
	5,334,193	Aug. 2, 1994	Nardella			
	5,341,807	Aug. 30, 1994	Paul C. Nardella	1	- -	
	5,842,356	Aug. 30, 1994	Alan G. Ellman	4		
	5,342,357	Aug. 20, 1994	Nardella			
	5,342,409	Aug. 30, 1994	Keith R. Mullett			
	5,348,554	Sep. 20, 1994	Imran et al.			· · · · · · · · · · · · · · · · · · ·
	5,370,645	Dec. 6, 1994	Michael S. Klicek et al.			
	5,370,672	Dec. 6, 1994	Kim R. Fowler et al.			<u> </u>
	5,370,675	Dec. 6, 1994	Edwards et al.			1
	5,372,596	Dec. 13, 1994	Michael S. Klicek et al.			_
	5,383,876	Jan. 24, 1995	Nardella			
	5,383,917	Jan. 24, 1995	Desai et al.			-
	5,385,148	Jan. 31, 1995	Lesh et al.			
	5,396,062	Mar. 7, 1995	David K. Eisentraut et al.			
	5,400,267	Mar. 21, 1995	Dennis J. Denen et al.			/
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	\	U.S. PATEN	T DOCUMENTS					
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	5,403,311	Apr. 4, 1995	Abele et al.				_	
	5,403,312	Apr. 4, 1995	David C. Yates et al.					
	5,409,000	Apr. 29, 1995	Imran					
	5,409,006	Apr. 25, 1995	Buchholtz et al.					
	5,413,573	May. 9, 1995	John Koivukangas					
	5,417,719	May. 23, 1995	Vincent W. Hull et al.					
	5,422,567	Jun. 6, 1995	Derek Matsunaga					
	5,423,808	Jun. 13, 1995	Stuart D. Edwards et al.					
	5,423,809	Jun. 13, 1995	Michael S/Klicek	1				
	5,423,810	Jun. 13, 1995	Nigel M Goble et al.					
	5,430,434	Jul. 4, 1995	Gabor Lederer et al.					
	5,433,739	Jùl. 18, 1995	Menno E. Sluijter et al.					
	5,434,398	Jul. 18, 1995	Samuel Guldverg		1			
	5,438,302	Aug. 1, 1995	Colin C.O. Gable					
	5,443,463	Aug. 22, 1995	Roger A. Stern et at					
	·5,451,224	Sept. 19, 1995	Nigel M. Goble et al.					
	5,458,597	Oct. 17, 1995	Edwards et al.					
	5,462,521	Oct. 31, 1995 /	Brucker et al.	1/				
	5,472,441	Dec. 5, 1995	Edwards et al.					
	5,472,443	Dec. 5, 1995	Jack C. Cordis et al.					
	5,478,303	Dec. 28, 1995	D. Folry-Nolan et al.		\setminus			
	5,480,399	Jan. 2, 1996	Kevin A. Hebborn					
	5,483,952	Jan. 16, 1996	Ernie Aranyi					
	5,490,850	Feb. 13, 1996	Eliman et al.					
	5,496,312	Mar. 5, 1996	Michael S. Klicek					
	5,496,313	Mar. 5, 1996	John S. Gentelia et al.					
	5,500,012	Mar. 19, 1996	Brucker et al.			1		
	5,500,616	Mar. 19, 1996	Sam S. Ochi			7		
	5,514,129	May. 7, 1996	Gregory C. Smith			7		
	5,520,684	May 28, 1996	Imran			1		
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Form PTO-144	NATION DISCLOSUR	E CITATION	Docket Number (Optional) 2920(203-3753)		Application 10/719,		
	IN AN APPLICATION	ON	Applicant Wham et al.				
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		U.S. PATEN	T DOCUMENTS	-			
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
	5,531,774	Jul. 2, 1996	J. H. Schulman et al.				
	5,534,018	Jul. 9, 1996	J. D. Wahlstrand et al.				
	5,536,267	Jul. 16, 1996	Edwards et al.		-		
	5,540,681	Jul. 30,1996	Bruno Strul et al.				
	5,540,684	Jul. 30, 1996	William L Hassler, Jr.				
I	5,540,724	Jul. 30, 1996	Timothy J. Cox	1			
	5,556,396	Sept. 17, 1996	Donald Cohen et al.				
	5,558,671	Sept. 24, 1996	David C_Yates				
	5,569,242	Oct. 29, 1996	Ronald & Lax et al.				
	5,571,147	Nov. 5, 1996	Menno E. Sluijter et al.				
	5,588,432	Dec. 31, 1996	Crowley				
	5,594,636	Jan. 14, 1997	Colin D. Schauder		1		
	5,596,466	Jan. 21, 1997	Sam. S. Ochi		1		
	5,599,344	Feb. 4, 1997	William G. Raterson				
	5,599,345	Feb. 4, 1997	Edwards et al.				
	5,605,150	Feb. 25, 1997	S. W. Radons et al.		1		
	5,613,966	Mar. 25, 1997	Joshua Makower et al.		1		
	5,613,996	Mar. 25, 1997	Richard D. Lindsay	4	·		
	5,625,370	Apr. 29, 1997	Leok J. D'Hont				
	6,626,575	May 6, 1997	James C. Crenner				
	5,628,745	May. 13, 1997	Robin B. Bek	1			
	5,643,330	Jul. 1, 1997	Jan Holsheimer et al.	1			
	5,647,869	7/15/1997	Goble et al.				
	5,647,871	Jul. 15, 1997	Levine et al.				
	5,651,780	Jul. 29, 1997	Jerome Jackson et al.				
	5,658,322	Aug. 19, 1997	Janet E. Fleming				
	5,660,567	Aug. 26, 1997	Steve L Nierlich et al.		//		
	5,688,267	Nov. 18, 1997	Panescu et al.				
	5,690,692	Nov. 25, 1997	Janet E. Fleming		ſ	<u> </u>	
	5,693,042	Dec. 2, 1997	A. A. Bioarski et al.			1	
	5,695,494	Dec. 9, 1997	Daniel J. Becker			1	
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INFORMA	TION DISCLOSUR	E CITATION	Docket Number (Optional) 2920(203-3753)		Application 10/719,3		
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<u>,</u>		U.S. PATEN	T DOCUMENTS				
caminer Initial	Document\ Number	Date	Name	Class	Subclass	Filing Date if Appropriat	
	5,702,386	Dec. 31, 1997	Roger A. Stern et al.				
	5,702,429	Dec. 30, 1997	Garry William King				
	5,707,369	\ Jan. 13, 1998	Vaitekunas et al.				
	5,713,896	Reb. 3, 1998	Paul C. Nardella				
	5,720,744	Feb. 24, 1988	J. L. Eggleston et al.				
	5,722,975	Mar. 3, 1998	Stuart D. Edwards et al.				
	5,733,281	Mar. 31, 1998	Paul C. Nardella	1			
	5,749,869	May. 12, 1998	Heinz Lindenmeier et al.				
	5,749,871	May. 12, 1998	Larry L. Hood et al.			·	
	5,766,165	Jun. 16, 1998	John S. Gente(ia et al.		1		
	5,772,659	Jun. 30, 1998	Daniel J. Becker et al.		1		
	5,792,138	Aug. 11, 1998	John I. Shipp				
	5/197,902	Aug. 25, 1998	Samuel S. Netherly				
	/5,814,092	Sept. 29, 1998	Gary Wilkjan, King				
	5,817,093	Oct. 6, 1998	Williamson, Wet al.				
	5,820,568	Oct. 13, 1998	N. P. Willis	1			
	5,827,271	Oct. 27, 1998	Steven P.Bussey et al.	, ,		·····	
	5,836,943	Nov. 17, 1998	Scott A. Miller, III				
	5,846,236	Dec. 8, 1998	Heinz Lindenmeier et al.				
	5,868,737	Feb. 9, 1999	Taylor et al.				
	5,868,739	Feb. 9, 1999	Heinz Lindenmeier et al.			· · · · · · · · · · · · · · · · · · ·	
	5,868,740	Feb. 9, 1999	LeVeen et al.				
	5,871,481		D. P. Kannenberg et al.			****	
	5,897,552	Apr. 27, 1999	Stuart D. Edwards et al.			-	
	5,908,444	Jun. 1, 1999	Larry Azure				
	5,913,882	Jun. 22, 1999	Gary William King		-		
	5,921,982	Jul. 13, 1999	Lesh et al.			$\overline{}$	
	5,925,070	Jul. 20, 1999	Gary W. King et al.			$\overline{}$	
	5,931,836	Aug. 3, 1999	Shinji Hatta et al.				
	5,938,690	Aug. 17, 1999	Jay Law et al.			$\overline{}$	
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16 without references 11 of Application Number Form PTO-144 Docket Number (Optional) 2920(203-3753) 10/719,305 INFORMATION DISCLOSURE CITATION IN AN APPLICATION Applicant Wham et al. (Use several sheets if necessary) Filing Date Group Art Number November 21, 2003 3762 U.S. PATENT DOCUMENTS Examiner Document Filing Date Initial Number Date Class Name Subclass if Appropriate 5.948.007 Sept. 7, 1999 W. Starkenbaum et al. Sept. 14, 1999 5,951,546 Torben Lorentzen 5,954,686 Seg. 21, 1999 Garito et al. Sept. 21, 1999 5,954,717 Robert S. Behl et al. Oct. 26, 1999 Marehall L. Shermen 5,971,980 Bertram Schilling et al. 5,976,128 Nov. 2, 1999 5,983,141 Nov. 9, 1999 Menno E(Sluijter et al. 6,010,499 Jan. 4, 2000 Garry V. Cobb Jan. 11, 2000 6,014,581 Whayne et al. 6,033,399 Mar. 7, 2000 David Lee Gines 6.044,283 Mar. 28, 2000 Michael E. Fein et al. 6,053,910 Apr. 25, 2000 Richard P. Fleenor 6,053,912 Apr. 25, 2000 Panesch et al 6,056,745 May 2, 2000 Panescolet al. 6,056,746 May 2, 2000 Goble el al. May. 16, 2000 Wittkampf 6,063,078 J. H. Orszyllak et à 6.068.627 May. 30, 2000 6)074,386 Jun. 13, 2000 Noil Mark Goble et al Jul. 25, 2000 6,093,186 Colin C.O. Goble 6,113,691 Sept. 5, 2000, James G. Whayne et al 6,123,702 Sept. 26_2000 Swanson et al. 6,132,429 Oct. 17, 2000 James A. Baker 6,142,992 Nov. 7, 2000 Cheng et al. 6.203.541 Mar. 20, 2001 David Keppel 6,210,403 Apr. 3, 2001 Michael S. Klicek 6,228,080 May. 8, 2001 **David Lee Gines** 6,235,020 May. 22, 2001 Cheng et al. 6,238,387 Scott A. Miller, III May. 29, 2001 6,241,725 Jun. 5, 2001 Cosman 6,246,912 Jun. 12, 2001 Menno E. Sluijter et al. 6,251,106 Jun. 26, 2001 Daniel J. Becker et al. Examiner Date Considered Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

		without reference	es		12	of 16
Form PNO-14	ия MATION DISCLOSUR	RE CITATION	Docket Number (Optional) 2920(203-3753)		Application 10/719,3	
```	IN AN APPLICATION		Applicant	-	<u> </u>	
	\		Wham et al.			
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		U.S. PATEN	T DOCUMENTS			
Examiner Initial	Document	Data	Nama	Class	Cubalasa	Filing Date
iriidai	Number	Date Int. 40, 2004	Name	Class	Subclass	if Appropriate
	6,258,085 6,306,131		Jeffery L. Eggleston	<del></del>	-	
	6,306,134		Hareyama et al.  Goble et al.		-	<u></u> ,
	6,337,998		Behl et al.		<del> </del>	
	6,383,183		Sekino et al.			
	6,398,779		Steven P. Buysse et al.			
	6,398,781		Goble et al.			
	6,402,741		David Keppel et al.	<u> </u>		
	6,402,743	Jun. 11, 2002	J. H. Orszulak et al.			
	6,436,096	Aug. 20, 2002	N. Hareyame	11		
	6,451,015	Sep. 17, 2002	Rittman, lit, et al.	$\Pi$		
	6,506,189	Jan. 14, 2003	Rittman, III et al.	$\mathcal{I}$		
	6,511,476		W. Nareyarna			
	6,565,559		Jeffer L Eggleston	1		
	6,573,248		Ramasamy/et al.			
	6,575,969		Rittman, Thet al.	1		
	6,620,157	Sep 16, 2003	Dabney et a	— <i>†</i>		
	6,663,623		Oyama et al.			
	6,682,527	Jan. 27, 2004	Strul			
	2001/0031962 A1	Oct. 18, 2001	Jeffery L. Eggleston			
	2002/0035363 A1	Mar. 21, 2002	Edwards et al.	$\overline{}$		
<u> </u>	2003/0004510 A1	Jan. 2, 2003	Wham et al.	1		
	2004/0815163 A1	Jan. 22, 2004	Buysse et al.	<del>-/-</del>		· · · · · · · · · · · · · · · · · · ·
	2004/0059323 A1	Mar. 25, 2004	Sturm et al.	<del></del>	<del></del>	
<b>-</b>	2004/0147918 A1				$\overline{}$	· · · · · · · · · · · · · · · · · · ·
		Jul. 29, 2004	Keppel			
	2004/0167508 A1	Aug. 26, 2004	Wham et al.			
	2004/0193148 A1	Sep. 30, 2004	Wham et al.		<del>                                     </del>	
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				_	<del> </del>	<del></del>
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Form PTO-1449							
	INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Docket Number (Optional) 2920(203-3753)		Application 10/719,		
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(U	Ise several sheets if he	cessary)	Filing Date November 21, 200	03	Group Art Number 3762		
		FOREIGN PATE	NT DOCUMENTS				
	Document	2	0	01		Transla	
	Number	Date	Country	Class	Subclass	Yes	No
	179,607	Mar. 1905	DE				+
	390,937	Apr.,1989	DE				_
	1,099,658	Feb., 1961	DE				<u> </u>
	1,139,927	Nov.,1962	DE !				
	1,149,832	Jun.,1963	DE	<u> </u>			$\bot$
	1,439,302	Jan. 1969	DE\	<u> </u>			<del> </del>
	2,407,559	Aug., 1975	V DE	<b>I</b>			4
	2,439,587	Feb., 1975	BE	<u> </u>			
	2,455,174	May.,1975	Det V	$\vdash \vdash$	ļ		4_
	2,504,280	Aug.,1976	QB/	<del></del>			4
	2,540,968	Mar.,1977	DE//	<u> </u>			4_
	2,602,517	Jul., 1976 \	DE //		<b>\</b>		
	2,803,275	Aug.,1979 \	DE	<b>.</b>	\		<del> </del>
	2,820,908	Nov.,1978	DE	<b>//</b>			4
	2,823,291	Nov.,1979	D#	///			
	2\946,728	May.,1981	ÓΕ				
	3,045,996	Jul., 1982	/ DE		<b>\</b>		╀-
	3,120,102	Dec.,1982	/ DE				┿
	3,143,421	May.,1982	DE				+-
	3,510,586		DE		<del>  \                                   </del>		+-
	3,604,823	Aug.,1987	DE	ļ	<del> \</del>		+-
	3,904,558	Aug.,1990	DE			<del>\                                    </del>	-
	3,942,998	Jul.,1991	DE			-	+
	19717411 A1	April, 1997	DE			$\overline{}$	+
						<del>                                     </del>	+-
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with references 14 of 16 Form PTO-1449 **Docket Number (Optional) Application Number** 2920(203-3753) 10/719,305 INFORMATION DISCLOSURE CITATION IN AN APPLICATION Applicant Wham et al. (Use several sheets if necessary) Filing Date Group Art Number November 21, 2003 3762 FOREIGN PATENT DOCUMENTS Document Translation Number Class Subclass Yes No Date Country 246.350 Nov.,1987 EP 310,431 Apr.,1989 EP 325,456 Jul., 1989 EP 336,742 Oct.,1989 EP Oct., 1980 390,937 EP 556,705 Aug., 1993 EP 608,609 Aug., 1992 ΕP 878,169 Nov., 1998 EP 1,275,415 Oct., 1961 FR 1,347,865 Nov.,1983 FR Dec., 1976 2,313,708 FR 2,502,935 Oct., 1/982 FR 2,617,953 Jun.,1983 FR 2,573,301 ŔR May, 1986 855,459 Nov., 1960 GB 2,164,473 Mar., 1986 **GB** 2,214,430 Sep. 6, 1989 GB Examiner Date Considered Examiner: Initial if citation considered, whether or nor citation is in conformance with MPEP \$609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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		with references			15	of	10
orm PTO-14			Docket Number (Optional) 2920(203-3753)		Application 10/719,3		
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	IN AN APPLICAT	ION	Applicant				
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		FOREIGN PATE	NT DOCUMENTS				
	Document Number	7.5	Country	Class	Subalasa	Transla	
		Date	Country	Class	Subclass	Yes	No
	WO92/06642	Apr.,1992	PCT				+-
	WO93/24066	Dec.,1993	PCT	ļ			+-
	WO94/24949	Nov.,1994	PCT	<u> </u>			+
	WO94/28809	Dec.,1994 /	\ \ PCT				+-
	WO95/09577	Apr.,1995	\ \ \ PCT	ļ	ļļ		╀
	WO95/19148	Jul.,1995 \	/ СРСТ				
	WO96/02180	FED., 1996	РСТ				$\perp$
	WO96/04860	Feb.,1996	PCT				<u> </u>
	WO96/08794	Mar.,1996	<b>Р</b> СТ				┸
	WO96/18349	Jun.,1996	POT			•	<u> </u>
	WO96/29946	Oct.,1996	PCT		<u> </u>		
	WO96/39914	Dec. 1996	PCT		]		
	WO97/06739	Feb.,1997	PCT				
	WQ97/06740	Feb.,1997	PCT				1
	WO97406855	Feb.,1997	PCT				
	WO97/17029	May.,1997	PCT				T
	WO02/47565	June, 2002	PCT			-	
	166,452	Jan., 1965	SU				T
	727,201	Apr.,1980	SU				
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orm PTO-1449	Docket Number (Optional)	Application Number	
INFORMATION DISCLOSURE CITATION	2920(203-3753)	10/719,305	
IN AN APPLICATION	Applicant		
IN AN APPLICATION	Applicant Wham et al.		
(Use several sheets if necessary)	Filing Date November 21, 2003	Group Art Number 3762	
OTHER	DOCUMENTS		
Alexander et al., "Magnetic Resonance Im		Jse of Image Fusion with	
Computerized Tomography to Enhance Spatial Accuracy*			
Journal Neurosurgery, 83\(1995) pp. 271-276			
Anderson et al., "A Numerical Study of Rapid Heating for High Temperature Radio Frequency Hyperthermia"			
International Journal of Bio-Medical Computing, 35 (1994) pp. 297-307.			
Astrahan, "A Localized Current Pield Hyperthermia System for Use with 192-Iridium Interstitial Implants"			
Medical Physics, 9 (3), May/Jun, 1982	$\wedge$		
Bergdahl et al., "Studies on Coagulation and the Development of an Automatic computerized Bipolar			
Coagulator*			
Journal of Neurosurgery 75:1, (Jul., 1991)			
Chicharo et al. "A Sliding Goertzel Algorith			
StSNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V AMS TERDAM, NL vol. 52 no. 3			
Cosman et al., Methods of Making Nervot	us system desions		
In William RH, Rengachary SS (eds): Neur			
Cosman et al., "Radiofrequency Lesion Ge		ice"	
Applied Neurophysiology \$1: (1988) pp. 23			
Cosman et al., "Theoretical Aspects of Rad	diofrequency Lesions in the Dotsal Root E	ntry Zone"	
Neurosurgery 15:(1984) pp.\945-950			
Geddes et al., The Measurement of Phys	iologic Events by Electrical Impedence"		
Am. J. MI, Jan. Mar. 1964, pp. 16-27	infragrance Effort of Broke Size Course	Duration and	
Temperature on Lesion Volume*			
Acat Radio (1995) Vol. 2, No. 5, pp 399-404			
Medtrex Brochure "The O.R. Pro 300"			
1 p.			
Ogden "Goertzel Alternative to the Fourier Transform: June 1993 pgs 485-487			
ELECTRONICS WORLD; REÉD BUSINESS PUBLISHING, SUTTON, SURREY, BG vol. 99, no 9. 1687  Sugita et al., "Bipolar Coagulator with Automatic Thermocontrol"			
J. Neurosurg., vol. 41, Dec. 1944, pp. 777-			
Valleylab Brochure Valleylab Electroshield	d Monitoring System"		
2 pp.			
Valifors et al., "Automatically Controlled Bi			
Neurosurgical Review 7:2-3 (1984) pp. 187 Wald et al., "Accidental Burns",	7-190	<del></del>	
	040.004	<del>\                                    </del>	
JAMA, Aug. 16, 1971, Vol. 217, No. 7, pp.	<del></del>	nalas Canamia d	
Richard Wolf Medical Instruments Corp. B. 3 pp.	rochure, "Kieppinger Bipolar Forceps & Bij	Joiar Generator	
International Search Report PCT/US03/37	310		
indicated observe the control of the	<u> </u>		
International Search Report EP 04009964		$\overline{}$	
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